

~~SECRET~~ 727

1/1 - (C) WPI / DERWENT
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 AP - JP950158228 950623
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 TI - Microwave oven providing protection against noxious insect infestation e.g. cockroaches - includes insect-evading unit in insulation holder for magnetron driving circuits.
 IW - MICROWAVE OVEN PROTECT NOXIOUS INSECT INFESTATION COCKROACH INSECT UNIT INSULATE HOLD MAGNETRON DRIVE CIRCUIT
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 FS - CPI;GMPI
 DC - C07 Q74
 AB - J09007757* Microwave ovens are equipped with noxious insect-evading unit in insulating holder for magnetron driving circuits including high voltage transformers. Alternatively, they are equipped with electric wires having noxious insect evading material which connects to the magnetron driving circuits.
 - USE/ADVANTAGE - Used for cooking. Ovens can be protected against noxious insects (e.g. cockroaches) infestation. Inside of ovens can be kept clean and short circuiting or wire disconnection caused by insects can be prevented.
 - In an example, (100) pts.wt. of pyrethroid-based cockroach evading chemical were mixed with 100 pts.wt. of urethane resin. Mixt. was diluted with 200 pts.wt. of thinner to obtain insect-evading chemical compsn. Compsn. was coated in amt. of 50 mg/dm2 on insulating holder (2) which holds printed circuit board (3) with driving circuit for high voltage transformer (4); or coated on circuit board or on electric parts mounted on it. It was also coated on part of electric wire (5) connected to high voltage transformer (4). (Dwg. 2/5)